



THE BLURB

PHILMONT MOBILE RADIO CLUB

Sept
1958

AMATEUR RADIO SERVICE TO

The public



SPRINGFIELD TOWNSHIP
T.B. CAMP

AUG. 30 TO SEPT. 1

ST. DAVIDS GOLF MATCH
SEPT. 21

HALF WAY
HOUSE

D\$G



THE LATEST SCOOP:

THE NEWS IS A BIT SHORT THIS MONTH-with all the fellows on vacation and ye ED not spending much time at home. The job call et al. We are again much obliged to W3UNK for writing a nice Blurb last month since ED was out in the Sunny midwest. All bands were pretty bad except 40 which we managed to keep hot day in and day out. The fellows in the midwest do not think much of forty at nite since all those high power Easterners pile in there in one skip and also those westerners. The geography and skip distance of the country is such that the easterners give them a pretty hard time. During the day all is fine tho and you can work out any time and hold QSOs for hours - set skeds and make them all mobile. ED was siting on the edge of LAKE Gobie 20 miles south of Lake Superior and thirty miles from Ashland Wisconsin looking over the scenery when he flipped to 10 and there was QHQ battng the breeze with QV as nice as you please. It was a startling change of pace from the pleasant scenery to a sudden return to Phila noise Hi. It was rather interesting to note that all signals were all the same strong level, not the usual up and down you would experience from Local Phila terrain. We heard the boys working W3VVS near Toledo and also W3HQJ in St. Louis but ED could not hear them at all. The skip was all east and west. The trip into Minnesota netted many W9s and WOs. When we arrived in Iowa City the 10m band opened up again.

W3QQH was pushing for support from the multitude to get the truck down to Washington for the convention but in usual cold water fashion he received no support. Nobody at the Mid Month meeting was going to go so Spence couldn't whip up any enthusiasm. There was a little bit of double dealing going on in the meantime between two unsavory characters that placed W3PKY on the docket to MC the Mobile Session and entered W3QQH as a principle speaker as announced in CQ including a display of the truck. When Spence found out about the card game that had dealt him in we had to peal him off the ceiling. The program called for 4 speakers with Spence on the docket as the last and he didn't know anything about it. Wal Jim had been railroaded in so far at this point he couldn't back out so some quick phoneng between a few of the boys produced a set of about 18 color slides of the TRUCK BY W3IW and an assist by W3CCB to drive the truck one way. We all drove down W3YJM driving his bucket - W3PKY and W3CCB together and Jim in the truck. W3YJM was formerly from Washington so he proceeded to lead us in - well that was like the blind leading the blind. We traveled by such a circuitous path Daniel Boone couldn't have followed us. Chas was at a disadvantage tho it was raining cats and dogs. He said it had never rained before in Washington but we didn't believe him of course. We arrived at the hotel about 11 PM and found rooms in good shape. Spence had gone on with the truck to see Roy W4LSC. W3YJM had a bottle of orange juice with him and forced W3CCB and ED into partaking with him. Well you can't drink OJ straight so Chas got the room service to bring up some ice and one bottle of Ginger Ale at the very nominal price (ED thought) of \$ 1.75. (ED didn't pay for it). A little bit later ----- 2 AM this boy Chas insists on dragging us out to find something to eat- and he sat down and ate 2 of the biggest burgers in the joint. It turned out later Sue hadn't fed him all day. Well we got in the sack about 3 am - and a few minutes later 7 am the phone rang to get us out. The mobile session started at about 9:10 am with about 20 people and by 10:00 am there were about 200 on board. The first three talks were very good - The first was a technical discussion on transistor power supplies - one of the main points made was "be careful of the transient voltage spikes that are likely to damage the transisitor". The second talk by Collins gave a sales pitch on the KWM-1 and a new type of noise limiter (not yet on the market). The 3rd talk by Rex Bassett on mobile antennas was very good. Rex's main point "forget about the SWR and measure the Field Strength." He showed slides of the best method of mounting antennas. Last but not least W3QQH showed the slides of the truck and they were really fine. He gave a complete run-down on the workings and then Every Single Minute was shown. The session wound up with prizes donated by the Phil-Mont Radio Club and the Washington Mobile Radio Club. The prizes were not in the expensive class - crystals (5) on the FMRC frequency and (2) on the WMRC Frequency in addition 2 dozen plastic cups some 1625s and a T-17 mike. The main pitch of the prize contest was to find out who was there-with the following results:-

LOWEST POWER	2 $\frac{1}{2}$ watts	W3JSL
	1 $\frac{1}{2}$ watts	W4EZR
	1 watt	W4CWB
TALLEST MOBILE HAM	6 ft. 4 $\frac{1}{2}$	W3DFN
SHORTEST MOBILE HAM	5 ft. 2	K4KAB
LEAST HAIR ON HEAD	estimated 2	W4EW
" " "	" 2 $\frac{1}{2}$	W2JVZ
FARTHEST IN MICHIGAN	(1)	W8CHS
MOST QSLs in Pocket		W8HTT
FARTHEST IN CANADA		VE3COK
HIGHEST POWER * HOME	20 watts	W8HTT
BUILT MOBILE	35 watts	W3DIM
MOST KIDS	(5)	W3CDY
OLDEST HAM	62 years	W8AV
FARTHEST AWAY	England	G2AH
YOUNGEST HAM	14 years	W3DPR
FARTHEST IN D.C.	4 blocks from Maryland	W3YJL
NEWEST LICENSE	7/23/58	W3EXQ
FARTHEST AWAY IN	Louisiana	W3DGI
UNITED STATES	Washington	W7AYC
FARTHEST EAST in USA	NEW ENGLAND	W1FTQ

PMRC & WMRC gave away a total of 37 prizes not all of them shown here- and that concluded the Mobile Session.

Saturday afternoon while we were tending the truck just before we were due to leave and head for home, two fellows walked up and looked over the truck. W8DUA and Vincent T. Kenney commented on how nice the truck turned out. W8DUA was responsible for approving Every Single Minute for matching funds and he was well pleased that he did. He mentioned he received several inquiries so far and he expected more. Vince is the Radio Officer of New York City and was taking this all in with many favorable comments as to how this was the example of the best CD - Municipal and Amateur teams he knew about in the country. They both were given a complete rundown of the clubs activities by ED. It is possible that we may be called upon to give talks on the subject. W3VSU and W3UWL arrived early Sat. Russ got a mess of pictures but wanted to get the gang from the club together but when he went looking for them they were all gone. Lyle and Russ are still commenting about the floor show where the main attraction wound up with not much on. They joined the Wouff Hong Society (Secret Amateur Society) QV, CNO are also members. A good time was had by all - too bad you didn't make it.

CARDS FROM THE GANG-

W3QCV/1 operating portable and mobile at Northeast Harbor Maine has had considerable trouble - first in the Ranger and then in the low voltage power supply. Lawrence says a lack of test instruments made the failures "major". He was seriously considering using the Ranger as a boat anchor. Funny sez he "Heard no W3s but plenty northern N.J. W2s and W4s. La-will be home in Sept. ---Doc has a girl friend (scandalous!) W1ZEJ Mary up on Nantucket who reports- "Thanks a lot for sending me a Blurb. Sounds like a great group & I read it with interest. Thanks also to Doc W3EXY ---If we do not get a full report on Nantucket activities from Doc for the Blurb we will have more rumors later. (One way to get a report is to Blackmail 'em.) W3UMK sez-on 8/11 the Lower Merion Twp. CD two meter mobiles tried out communications along the expressway. Fixed stations at Township Building in Ardmore (W3AWH) and at Belmont Hills Fire Station (W3UMK) maintained communications with the mobiles from City Line out to the W. Conshohocken exit, but beyond there neither fixed station could hear the mobiles or vice versa. W3LKI was unable to participate, so the two

meter mobiles were K3EZJ, W3NIR, with W3IXN as passenger, and W3QAI who got lost way out and tried to go to Harrisburg! When we 'lost' QAI, we called W3CNO on landline and he came on using a Gon-Set with a whip and he tried to raise QAI too, without success. We intend to repeat the test using our Gladwyne fixed station also in the near future.--- W3IW wants us to have a month and year listed under the the return address on each months Blurb - We did one month but nothing since --- We will endeavor to do same. Those of us who file this valuable piece of wallpaper?? must have a file order. --- W3UMK is offering us all a ride in his new boat he won in a raffle held as a promotion stunt by the ESSO station at Belmont and E. Levering Mill Rd. He will furnish the ride if you have the motor Hi. --- W3DOU dropped an interesting remark a few weeks back at one of the meetings - he said "You know one would think that the technical sheets and writeups recently (Feb 1958) reestablished in the Blurb would draw comments favorable or unfavorable" W3DOU hasn't had any comments one way or the other. On further reflection Tex said "I don't recall that I ever complimented you and the staff for such a nice job on the Blurb, so maybe I am expecting too much".--- You, the reader, would do well to take notice that there are more than 12 people who make this publication a success (see the inside of the front cover) and that YOU, the reader, take all this effort for granted with practically no contribution from yourselves. Is it too much trouble to write down the latest doings on the enclosed card and send it off? Is it too much trouble to scribble down the activities that ED and the staff cannot attend? Is it too much trouble to contribute technical items? Is it too much trouble to assist the staff when they are short of help? Is it too much trouble to compliment Jay W3IM for his Covers along with W3YHV, Barry and W3DIZ? Is it too much trouble to compliment W3WTC and ANNE for their untiring efforts, also W3IW who was publisher for many years! - and W3WUK and the boys on the production line led by W3D\$G? ED DOESN'T THINK SO: This publication was started Oct. 1949 and has been going ever since with little assistance from YOU, the reader.

We received 4 cards last month with 100 sent out - why? Is it too much trouble to send one out? What have you been doing - where were you- who did you work - Send in the scoop - we will use it!

On May 11th 1958-W3HQJ walkie-talkie running 35 milliwatts to a doubler and a 3 EB worked two way KZ5FL in the Canal Zone with 5 x 2 report. Contact was maintained for 19 minutes until the test was concluded.

W3VVS and W3HQJ were in almost constant communication during the entire length of the Pennsylvania Turnpike on 8/3/58. Paul was returning from his home in Fremont, Ohio and Doc from his vacation in Montana.

OFFICIAL BULLETIN FROM ARRL HEADQUARTERS

July 17 1958--Annoucement is hereby made of the addition to the ARRL Countries List of Chatham Islands, which are located in the South Pacific approximately 420 miles east of New Zealand. DXCC credit will be given starting October 1, 1958 for creditable confirmations dated on or after November 15, 1945. Further details appear on page 83 of August QST

August 1 1958--The Federal Communications Commission has now made final its proposal in Docket 11994 concerning the eleven meter band and effective September eleven withdraws 26,960 to 27,230 kc from the amateur use. Details in Sept. QST.

August 21 1958--Check your frequency measuring skill by taking part in an ARRL Frequency Measuring Test. WLAW will transmit signals for measurement starting at 2130 EDST Sept. 17th on approximately 3502, 7927 and 14104 kc. Another series of test transmissions will begin at 1130 EDST Sept. 18th near 3623, 7112 and 14184 kc. Each participant will receive an individual report comparing the accuracy of his readings with those of a professional laboratory. Complete details page 84 Sept. QST.

S W A P and S H O P

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W.F. Bubbeck W548V
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September 1958
A Philmont Mobile Radio
Club Publication
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PHILMONT TEC-AL-ANIM

W3DOU

SEPTEMBER 1958

W3IRS

MUCH HAS BEEN SAID AND DONE TO GET PHILMONT ON FREQUENCY. WE ARE ALL FAMILIAR WITH THE MANY PROBLEMS THAT EXIST. IF WE COULD ALL 'ZERO' AGAINST A STANDARD THAT WOULD BE 'IT'. OF COURSE 'ZEROING' INDICATES A 'VFO' AND STAYING THERE REQUIRES REAL STABILITY. WITH SUCH, HOWEVER, IT WOULD BE VERY NICE TO BE ABLE TO GET ON EXACT FREQUENCY OR MOVE EXACTLY 20 KC. OFF FOR ~~FREQUENCY~~ A SIDE QSO.

PROVIDING A STANDARD IS EASY. FOR EACH PHILMONTER TO ACCOMPLISH THE ABOVE IS ALSO REASONABLY EASY AND INEXPENSIVE.

JO EMMETT JENNINGS DESCRIBED A XTAL VFO IN CG FEB. 1956 PAGE 36.

I BUILT THIS GADGET AND WITH TWO FOR A DOLLAR METAL TYPE SURPLUS ~~5~~ XTALS IT STILL DID WHAT HE SAID IT WOULD - IF FACT MORE.

THE FOLLOWING CHART GIVES THE FREQUENCY SHIFT MEASURED ON SINGLE XTALS PLUGGED INTO ONE SIDE OF THE TWIN OSCILLATOR (12AX7).

XTAL AS MARKED	RECEIVER READ MIN (HP.)	MAX CAP	SHIFT
FT 243 7373.3	29495 (4th HARM)	29492	3.0 KC
" 7375.0	29501.5 "	29499	2.5 "
METAL SMALL 28480.0	28490.0 (FUND)	28477	13. KC
" " 7000	7007 "	7000	-7

NOTE THAT THE SMALL METAL XTALS SHIFT MUCH MORE THAN THE FT 243'S

THIS SUGGESTS THAT A SPLIT STATOR 100-100 OR SO ACROSS OUR PRESENT XTAL MIGHT MOVE US ONTO W3DSG'S FREQ. ON 10 IN ID. IF IT DOESN'T WORK WITH YOUR XTAL AND OSCILLATOR THEN THE CIRCUIT REFERRED TO MIGHT BE USED TO DRIVE YOUR PRESENT OSC. STAGE. A CHANNEL #1 AND CHANNEL #2 XTAL COULD BE USED IN EACH HALF AND SWITCHED.

OR OF COURSE, YOU CAN USE THE FULL CIRCUIT AS INTENDED AND MOVE AROUND XTAL CONTROLLED. MIXER OUTPUT ON 7MEG SHOULD GIVE ABOUT 50 KC +/- ON TEN.